



AB 411: Making Sure All Our Beaches Are Safe Through Effective Communication

Michelle Torres, EHS I

Monterey County Environmental Health Bureau

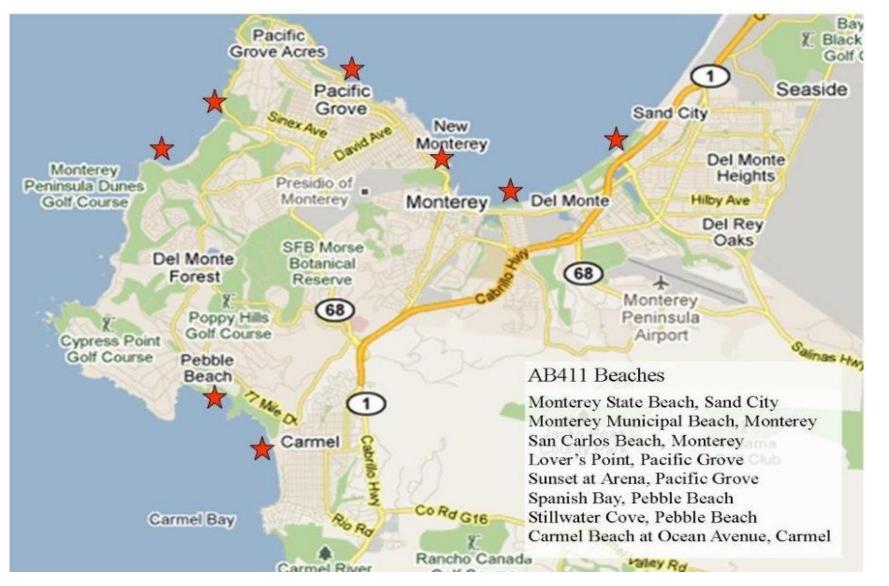
MEPHLI Cohort III - October 11, 2017

# Project Goal

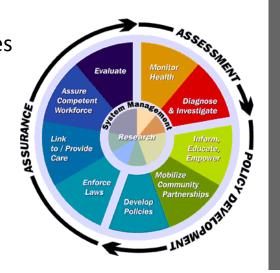
Design and implement an effective system of communication with other entities and external stake holders by the end of the upcoming fiscal year, June 30, 2019:

- Public
- Visitors/tourists
- City of Sand City
- City of Monterey
- City of Pacific Grove
- City of Pebble Beach
- City of Carmel

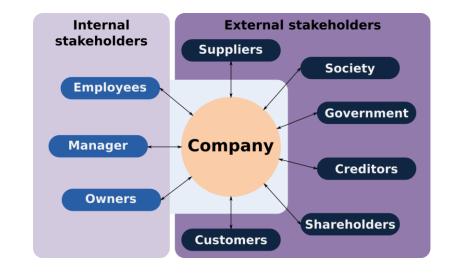
The Environmental Health Bureau, Consumer Protection, currently tests for presence of elevated bacteria levels from eight different beaches throughout the Monterey County, known as the Assembly Bill 411 (AB 411).



Ensuring safe beaches through effective communication addresses the 3 core functions of Public Health:











# Public Awareness

 Enhance public awareness through the County of Monterey Health Department website. By providing demonstration videos, such as how a samples is taken, equipment used to take a sample, and how the water sample is tested in the lab.



	<u>Government » Departments A - H » Health » Environmental Health » General</u>	During Temporary Power Outages	Cali
HOW DO I?	Public Beaches: Water Quality	Prop 65 Reports	
Get:	Font Size: 🔹 🖿 📑 Share & Bookmark [+] Feed	Public Beaches: Water Quality	
Apply:	AS OF 9/28/2017 ALL <u>SAMPLED</u> MONTEREY COUNTY BEACHES ARE OPE WITHOUT RESTRICTION.	Asilomar Beach	
Report:	This page last updated 9/28/2017 at 3:13:50 PM	Carmel Beach At Ocean Avenue	Pe
Find:		Lovers Point	
	For the latest information about beach postings or closures based on the most recent bac test information, call the Beach Condition Hotline 1-800-347-6363.	Monterey Municipal Beach At The Wharf	
• Environmental Health	INDIVIDUAL BEACH INFORMATION	Monterey State Beach	I
Customer Survey Consumer Health Protection		San Carlos Beach	We u
Contact Us	Asilomar Beach Monterey Sta	Spanish Bay	ocear show
Drinking Water Protection	Carmel Beach At Ocean Avenue San Carlos Be	Stillwater Cove	fecal •
Environmental Health Review		Public Records Request	
Applications, Forms and Permits	Lovers Point Spanish Bay	Recovering After a Wildfire	
Consumer Health Protection FAQ	Monterey Municipal Beach At The Wharf	Request for File Review	
Environmental Health Concern Form		Restaurant Inspections	
Fees	CONTACT WITH CONTAMINATED OCEAN WATER MAY CAUSE ILLI	Recycling Resources and Recovery Services	
Flood Information Food Recall Webinar and Tool Kit	Do not swim in or have contact with water coming from storm drains. Such water may be co with <u>bacteria, viruses, protozoa,</u> or <u>chemicals</u> , and contact with storm drain water may cau not enter water after rainstorms as bacterial levels increase with the increased <u>runoff</u> into	Report Dead Birds - West Nile	
Power Outage Guidelines for Food Safety at Retail Establishments	Beaches are sampled Monthly from November to April, then weekly between April 1 and Oc each calendar year.	Hazardous Materials Management	

#### alifornia Beach Water Quality Monitoring & Stror Measures

AB411 Beaches

Monterey State Beach, Sand City

Lover's Point, Pacific Grove Sunset at Arena, Pacific Grove

Spanish Bay, Pebble Beach Stillwater Cove, Pebble Beach Carmel Beach at Ocean Avenue, Carmel

Holey Rd

Monterey Municipal Beach, Monterey San Carlos Beach, Monterey

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Del Monte Heights

tiby Ave Del Rey

Seaside

California has : beaches in the visits are genei use them annu dive. Beach vis year in Califorr quality monito prevention me beach goers fro Indicator orgar animals (total ( and enterococi humans, but th may be contan cause health ir symptoms, ear gastroenteritis

We use indicator bacteria because direct identification of pathogens, suc difficult, time consuming, and expensive. Not only can humans be affecte ocean, but research into the cause of mortality among the threatened so shows that infectious agents have been caused by protozoal parasites ar fecal contamination of near shore marine waters by terrestrial animals.

Del Monte

Forest

68

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- **Beach Advisories or Beach Postings** occur when at least one bact Water Contact Sport Standards issued by the California Departmen exceeded. Warning signs alert the public of a possible risk of illness The placement of signs may be short term or more permanent whe contamination (e.g. from a storm drain). Warnings may be posted v are identifiable and can be explained as not of human origin (e.g., r seabirds) or of an unknown source.
- Beach Closures occur as a result of a known sewage spill that has t waters. A closure is a notice to the public that the water is unsafe fc risk of getting ill from swimming in the water. When a beach is close public to stay out of the water.
- Rain Advisories can be issued when it rains because it is known frc rainwater carries pollution to the beach. After a rainstorm, bacteria standards for recreational water use due to untreated storm drain pet waste, pesticides, and trash.

### Contributing Factors

- 1. Lack of grant money availability
- 2. Lack of personnel and/or time approval from Department
- Lack of contribution from
   Stakeholders





## Conclusion

- The Environmental Health Division will address further health concerns by educating the public in an assortment of topics.
- The Environmental Health Division will be able to post information to the public to further raise awareness.
- The Consumer Protection Program will be able to expand communication skills.

## Questions